

NCT2625

DC~26.5GHz, 25W

Features:
 * Low VSWR
 * Broadband

Applications:
 * Transmitters
 * Antennas
 * Laboratory Test
 * Impedance Matching

Electrical

Frequency Range: DC~26.5GHz
 Average Power^{*1}: 25W@25°C max.
 Impedance: 50Ω
 VSWR: 1.30 max. (SMA)
 1.25 max. (3.5mm)

[1] Derated linearly to 1.25W@120°C.

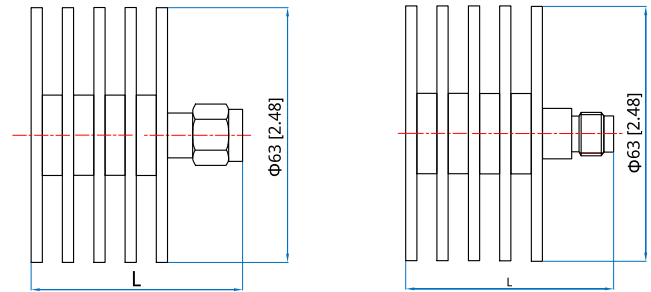
Mechanical

Connectors: SMA, 3.5mm
 Housing: Aluminum
 Outer Conductor: Gold plated brass or stainless steel
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -55~+85°C

Outline Drawings



Outline A

Outline B

Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

L=38.3mm, SMA male, Outline A
 L=37.3mm, SMA female, Outline B
 L=39.8mm, 3.5mm male, Outline A
 L=39mm, 3.5mm female, Outline B

How To Order

NCT2625-X-Y
 X: Frequency in GHz
 Y: Connector type

Connector naming rules:

S - SMA male
 SF - SMA female
 3 - 3.5mm male
 3F - 3.5mm female

Examples:

To order a termination, DC-26.5GHz, SMA male, specify NCT2625-26.5-S.

Customization is available upon request.